

ABSTRACT OF THE DISCLOSURE

The invention provides an artificial hip joint without a shaft which includes an enhancing bone plate for supporting the femur, the plate having more than one hole on its surface, fixing elements for fixing the plate on the surface of the femur extending through these holes respectively; an enhancing bone screw which is expended through the plate and the femur; a center bone screw which is screwed with the enhancing bone screw; the other end of the center bone screw extending out of the femur neck; and a femur neck protecting device for protecting the femur neck, the device being fixed on the end which is not connected with the enhancing bone screw. With the fixation of the center bone screw, the protecting device can ride against the surface of the femur tightly so that it can protect the remaining bone cutting off the diseased or damaged. It can also enhance the rigidity and stabilization of the bone which is not well in function by the support of the enhancing bone plate.